

## Author Index

- Alvarez, J., see Montero, M. (1177) 127  
 Amirand, C., see Fiallo, M. (1177) 236
- Bajpai, A. and Brahmi, Z.  
 Sulphydryl reactive phenylarsine oxide inhibits signal transduction in NK and LAK cells: effect on zeta-chain phosphorylation and phosphatidylinositol level (1177) 291
- Ballini, J.-P., see Fiallo, M. (1177) 236  
 Barbarić, S., see Donella-Deana, A. (1177) 221  
 Barnett, M.L., Lamb, K.A., Costello, K.M. and Pike, M.C.  
 Characterization of interleukin-8 receptors in human neutrophil membranes: regulation by guanine nucleotides (1177) 275  
 Batty, I., see Gani, D. (1177) 253  
 Bernhard, E.J., see Zhou, H. (1177) 174  
 Bhat, S.T., Vinayek, R., Jensen, R.T. and Gardner, J.D.  
 A newly recognized action of cholecystokinin on pancreatic acini-release of lactate dehydrogenase (1177) 208  
 Billings, P.C., see Zhou, H. (1177) 174  
 Bismuth, J., see Gharbi-Chihi, J. (1177) 8  
 Bonne, J., see Gharbi-Chihi, J. (1177) 8  
 Boonstra, J., see Wolthuis, R.M.F. (1177) 160  
 Borle, A.B., see Gasbarrini, A. (1177) 1  
 Brahmi, Z., see Bajpai, A. (1177) 291  
 Bramham, J., see Gani, D. (1177) 253  
 Brandt, R., see Krantz, S. (1177) 15  
 Brockerhoff, H., see Chauhan, V.P.S. (1177) 318  
 Brodsky, I., see Soslau, G. (1177) 199
- Cabero, J.L., Li, Z.-Q. and Mårdh, S.  
 Gastrin action on aminopyrine accumulation in isolated pig parietal cells requires cAMP (1177) 245
- Ceña, V., see González-García, C. (1177) 99  
 Chauhan, A., see Chauhan, V.P.S. (1177) 318  
 Chauhan, V.P.S., Singh, S.S., Chauhan, A. and Brockerhoff, H.  
 Magnesium protects phosphatidylinositol-4,5-bisphosphate-mediated inactivation of casein kinase I in erythrocyte membrane (1177) 318
- Chevalier, J., see Courjault, F. (1177) 147  
 Chinsky, L., see Fiallo, M. (1177) 236  
 Costello, K.M., see Barnett, M.L. (1177) 275  
 Courjault, F., Chevalier, J., Leroy, D. and Toutain, H.  
 Effect of glucose and insulin deprivation on differentiation and carbohydrate metabolism of rabbit proximal tubular cells in primary culture (1177) 147
- Cremers, A.F.M., see Wolthuis, R.M.F. (1177) 160
- Davidson, E.P., see Yorek, M.A. (1177) 215  
 Donella-Deana, A., Ostojić, S., Pinna, L.A. and Barbarić, S.  
 Specific dephosphorylation of phosphopeptides by the yeast alkaline phosphatase encoded by *PHO8* gene (1177) 221
- Downes, C.P., see Gani, D. (1177) 253  
 Dunlap, J.A., see Yorek, M.A. (1177) 215  
 Duquesne, M., see Fiallo, M. (1177) 236  
 Dutta-Roy, A.K., see Loh, C.L. (1177) 43
- Edashige, K., see Miyahara, M. (1177) 61  
 Englesberg, E., see Ross, S. (1177) 307
- Fiallo, M., Laigle, A., Garnier-Suillerot, A., Amirand, C., Ballini, J.-P., Chinsky, L., Duquesne, M., Jolles, B., Sureau, F., Turpin, P.-Y. and Vigny, P.  
 Interactions of iron-anthracycline complexes with living cells: a microspectrofluorometric study (1177) 236
- Fox, F.E., see Zhou, H. (1177) 174  
 Franson, R.C., see Rosenthal, M.D. (1177) 79  
 Frenois, E., see Wils, P. (1177) 134
- Gani, D., Downes, C.P., Batty, I. and Bramham, J.  
 Lithium and myo-inositol homeostasis (1177) 253
- Garcia-Sancho, J., see Montero, M. (1177) 127  
 Gardner, J.D., see Bhat, S.T. (1177) 208  
 Garnier-Suillerot, A., see Fiallo, M. (1177) 236  
 Gasbarrini, A., Borle, A.B. and Van Thiel, D.H.  
 Ca<sup>2+</sup> antagonists do not protect isolated perfused rat hepatocytes from anoxic injury (1177) 1
- Gatalica, Z., Moehren, G. and Hoek, J.B.  
 Unilateral nephrectomy selectively stimulates phospholipase D in the remaining kidney (1177) 87
- Gharbi-Chihi, J., Teboul, M., Bismuth, J., Bonne, J. and Torresani, J.  
 Increase of adipose differentiation by hypolipidemic fibrate drugs in Ob 17 preadipocytes: requirement for thyroid hormones (1177) 8
- González-García, C., Ceña, V., Keiser, H.R. and Rojas, E.  
 Catecholamine secretion induced by tetraethylammonium from cultured bovine adrenal chromaffin cells (1177) 99
- Gould-Fogerite, S., see Reston, J.T. (1177) 49  
 Gould, G.W., see Merrill, N.W. (1177) 191  
 Gromoll, B., see Krantz, S. (1177) 15
- Hauschildt, S., see Vanin, A.F. (1177) 37  
 Hill, B.T., see McClean, S. (1177) 117  
 Hill, P.A., Reynolds, J.J. and Meikle, M.C.  
 Inhibition of stimulated bone resorption in vitro by TIMP-1 and TIMP-2 (1177) 71
- Hiraga, K., Suzuki, K., Tsuchiya, E. and Miyakawa, T.  
 Identification and characterization of nuclear calmodulin-binding proteins of *Saccharomyces cerevisiae* (1177) 25
- Hodges, G.M., see McClean, S. (1177) 117  
 Hoek, J.B., see Gatalica, Z. (1177) 87  
 Hosking, L.K., see McClean, S. (1177) 117
- Jensen, R.T., see Bhat, S.T. (1177) 208  
 Jolles, B., see Fiallo, M. (1177) 236  
 Jung, S.M., see Moroi, M. (1177) 139
- Kaneko, Y., see Tsukamoto, A. (1177) 31  
 Kasperaitis, M.A.M., see Wolthuis, R.M.F. (1177) 160  
 Keiser, H.R., see González-García, C. (1177) 99  
 Komatsu, N., see Moroi, M. (1177) 139  
 Krantz, S., Brandt, R. and Gromoll, B.  
 Binding sites for short-term glycated albumin on peritoneal cells of the rat (1177) 15
- Kurokawa, K., see Tsukamoto, A. (1177) 31  
 Kushnareva, T.A., see Muzykantov, V.R. (1177) 229

- Laigle, A., see Fiallo, M. (1177) 236
- Lamb, K.A., see Barnett, M.L. (1177) 275
- Lattanzio, K.S., see Rosenthal, M.D. (1177) 79
- Legrain, S., see Wils, P. (1177) 134
- Leroy, D., see Courjault, F. (1177) 147
- Li, Z.-Q., see Cabero, J.L. (1177) 245
- Loh, C.L., Rotondo, D. and Dutta-Roy, A.K.  
Characterization of prostaglandin E<sub>2</sub> receptors expressed on human monocytic leukaemic cell line, U937 (1177) 43
- Louis, J.-C., Revel, M.-O. and Zwiller, J.  
Activation of soluble guanylate cyclase through phosphorylation by protein kinase C in intact PC12 cells (1177) 299
- Malaisse-Lagae, F., see Sener, A. (1177) 54
- Malaisse, W.J., see Sener, A. (1177) 54
- Mannino, R.J., see Reston, J.T. (1177) 49
- Mårdh, S., see Cabero, J.L. (1177) 245
- Matthews, N., see Southern, C. (1177) 179
- McClean, S., Whelan, R.D.H., Hosking, L.K., Hodges, G.M., Thompson, F.H., Meyers, M.B., Schuurhuis, G.J. and Hill, B.T.  
Characterization of the P-glycoprotein over-expressing drug resistance phenotype exhibited by Chinese hamster ovary cells following their in-vitro exposure to fractionated X-irradiation (1177) 117
- Meikle, M.C., see Hill, P.A. (1177) 71
- Merrall, N.W., Wakelam, M.J.O., Plevin, R. and Gould, G.W.  
Insulin and platelet-derived growth factor acutely stimulate glucose transport in 3T3-L1 fibroblasts independently of protein kinase C (1177) 191
- Metters, K.M., see Rochette, C. (1177) 283
- Meyers, M.B., see McClean, S. (1177) 117
- Minakami, S., see Mitsuyama, T. (1177) 167
- Mitsuyama, T., Takeshige, K. and Minakami, S.  
Cyclic AMP inhibits the respiratory burst of electroporated human neutrophils at a downstream site of protein kinase C (1177) 167
- Miura, Y., see Moroi, M. (1177) 139
- Miyahara, M., Watanabe, Y., Edashige, K. and Yagyu, K.-i.  
Swelling-induced O<sub>2</sub><sup>-</sup> generation in guinea-pig neutrophils (1177) 61
- Miyakawa, T., see Hiraga, K. (1177) 25
- Moehren, G., see Gatalica, Z. (1177) 87
- Montero, M., Garcia-Sancho, J. and Alvarez, J.  
Comparative effects of cytochrome P-450 inhibitors on Ca<sup>2+</sup> and Mn<sup>2+</sup> entry induced by agonists or by emptying the Ca<sup>2+</sup> stores of human neutrophils (1177) 127
- Mordvintsev, P.I., see Vanin, A.F. (1177) 37
- Moroi, M., Ohnuma, M., Komatsu, N., Miura, Y., Sato, T. and Jung, S.M.  
Phorbol ester treatment of two megakaryoblastic cell lines, CMK and UT-7, induces specific protein composition changes with non-coincident time-courses (1177) 139
- Mülsch, A., see Vanin, A.F. (1177) 37
- Murakami, M., see Seo, Y. (1177) 111
- Muzykantov, V.R., Kushnareva, T.A., Smirnov, M.D. and Ruuge, E.K.  
Avidin attachment to biotinylated human neutrophils induces generation of superoxide anion (1177) 229
- Nakata, H.  
Development of an antiserum to rat-brain A<sub>1</sub> adenosine receptor: application for immunological and structural comparison of A<sub>1</sub> adenosine receptors from various tissues and species (1177) 93
- Nesbit, D.J., see Vanden Heuvel, J.P. (1177) 183
- Nicholson, D.W., see Rochette, C. (1177) 283
- Nigam, S., see Svetlov, S. (1177) 75
- Ohnuma, M., see Moroi, M. (1177) 139
- Ostojić, S., see Donella-Deana, A. (1177) 221
- Parker, J., see Soslau, G. (1177) 199
- Peterson, R.E., see Vanden Heuvel, J.P. (1177) 183
- Pike, M.C., see Barnett, M.L. (1177) 275
- Pinna, L.A., see Donella-Deana, A. (1177) 221
- Plevin, R., see Merrall, N.W. (1177) 191
- Reston, J.T., Gould-Fogerite, S. and Mannino, R.J.  
Differential effects of the phorbol ester TPA on DNA-mediated transfection in a variety of cell lines (1177) 49
- Revel, M.-O., see Louis, J.-C. (1177) 299
- Reynolds, J.J., see Hill, P.A. (1177) 71
- Rochette, C., Nicholson, D.W. and Metters, K.M.  
Identification and target-size analysis of the leukotriene D<sub>4</sub> receptor in the human THP-1 cell line (1177) 283
- Rojas, E., see González-García, C. (1177) 99
- Rooney, W.D., see Seo, Y. (1177) 111
- Rosenthal, M.D., Lattanzio, K.S. and Franson, R.C.  
1,3-Dioctanoylglycerol modulates arachidonate mobilization in human neutrophils and its inhibition by PGBx: evidence of a protein-kinase-C-independent role for diacylglycerols in signal transduction (1177) 79
- Ross, S. and Englesberg, E.  
The competence progression model in CHO-K1 cells: the relationship between protein kinase C and immediate early gene expression in the insulin mitogenic signal (1177) 307
- Rotondo, D., see Loh, C.L. (1177) 43
- Ruuge, E.K., see Muzykantov, V.R. (1177) 229
- Sato, T., see Moroi, M. (1177) 139
- Scherman, D., see Wils, P. (1177) 134
- Schuurhuis, G.J., see McClean, S. (1177) 117
- Sener, A., Malaisse-Lagae, F. and Malaisse, W.J.  
Hexose metabolism in pancreatic islets: time-course of the oxidative response to D-Glucose (1177) 54
- Seo, Y., Rooney, W.D. and Murakami, M.  
An analysis of intracellular <sup>23</sup>Na relaxation using the double-quantum filtered NMR signal from the perfused rat salivary gland (1177) 111
- Singh, S.S., see Chauhan, V.P.S. (1177) 318
- Smirnov, M.D., see Muzykantov, V.R. (1177) 229
- Soslau, G., Brodsky, I. and Parker, J.  
Occupancy of P<sub>2</sub> purinoceptors with unique properties modulates the function of human platelets (1177) 199
- Southern, C. and Matthews, N.  
Nitric oxide is produced during TNF killing of U937A cells but does not contribute to the cytotoxic process (1177) 179
- Stefani, M.R., see Yorek, M.A. (1177) 215
- Sterchele, P.F., see Vanden Heuvel, J.P. (1177) 183
- Sugiura, H. and Yamauchi, T.  
Effect of ATP on binding of Ca<sup>2+</sup>/calmodulin-dependent protein kinase II with calmodulin (1177) 270
- Sureau, F., see Fiallo, M. (1177) 236
- Suzuki, K., see Hiraga, K. (1177) 25
- Svetlov, S. and Nigam, S.  
Calphostin C, a specific protein kinase C inhibitor, activates human neutrophils: effect on phospholipase A<sub>2</sub> and aggregation (1177) 75
- Takeshige, K., see Mitsuyama, T. (1177) 167
- Teboul, M., see Gharbi-Chihi, J. (1177) 8
- Thompson, F.H., see McClean, S. (1177) 117
- Torresani, J., see Gharbi-Chihi, J. (1177) 8
- Toutain, H., see Courjault, F. (1177) 147
- Tsuchiya, E., see Hiraga, K. (1177) 25

- Tsukamoto, A., Kaneko, Y. and Kurokawa, K.  
Thapsigargin, an inhibitor of endoplasmic reticulum  $\text{Ca}^{2+}$ -ATPase, enhances *c-fos* expression but antagonizes vacuole formation of human hepatoma cells induced by teleocidin (1177) 31
- Turpin, P.-Y., see Fiallo, M. (1177) 236
- Vanden Heuvel, J.P., Sterchele, P.F., Nesbit, D.J. and Peterson, R.E.  
Coordinate induction of acyl-CoA binding protein, fatty acid binding protein and peroxisomal  $\beta$ -oxidation by peroxisome proliferators (1177) 183
- Van der Mast, C., see Wolthuis, R.M.F. (1177) 160
- Vanin, A.F., Mordvintcev, P.I., Hauschildt, S. and Mülsch, A.  
The relationship between L-arginine-dependent nitric oxide synthesis, nitrite release and dinitrosyl-iron complex formation by activated macrophages (1177) 37
- Van Thiel, D.H., see Gasbarrini, A. (1177) 1
- Vigny, P., see Fiallo, M. (1177) 236
- Vinayek, R., see Bhat, S.T. (1177) 208
- Voorma, H.O., see Wolthuis, R.M.F. (1177) 160
- Wakelam, M.J.O., see Merrall, N.W. (1177) 191
- Watanabe, Y., see Miyahara, M. (1177) 61
- Whelan, R.D.H., see McClean, S. (1177) 117
- Wils, P., Legrain, S., Frenois, E. and Scherman, D.  
HT29-18-C<sub>1</sub> intestinal cells: a new model for studying the epithelial transport of drugs (1177) 134
- Wolthuis, R.M.F., Cremers, A.F.M., Kasperaitis, M.A.M., Van der Mast, C., Voorma, H.O. and Boonstra, J.  
Epidermal growth factor stimulates phosphorylation of eukaryotic initiation factor 4B, independently of protein kinase C (1177) 160
- Yagyu, K.-i., see Miyahara, M. (1177) 61
- Yamauchi, T., see Sugiura, H. (1177) 270
- Yorek, M.A., Davidson, E.P., Dunlap, J.A. and Stefani, M.R.  
Effect of bradykinin on cytosolic calcium in neuroblastoma cells using the fluorescent indicator fluo-3 (1177) 215
- Zhou, H., Bernhard, E.J., Fox, F.E. and Billings, P.C.  
Induction of metalloproteinase activity in human T-lymphocytes (1177) 174
- Zwiller, J., see Louis, J.-C. (1177) 299